

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/021383 A1

(51) International Patent Classification⁷: **B65B 43/56, 61/00, 7/16**

(21) International Application Number:
PCT/CA2004/001580

(22) International Filing Date: 27 August 2004 (27.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2,438,897 27 August 2003 (27.08.2003) CA

(71) Applicant (for all designated States except US): **LABATT BREWING COMPANY LIMITED [CA/CA]; 150 Simcoe Street, London, Ontario N6A 4M3 (CA).**

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MCKAY, John, Allen [CA/CA]; 46 Carmen Crescent, London, Ontario N5X 2B3 (CA).**

(74) Agent: **KERR, James, W.; Labatt Brewing Company Limited, 303 Richmond Street, London, Ontario N6B 2H8 (CA).**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

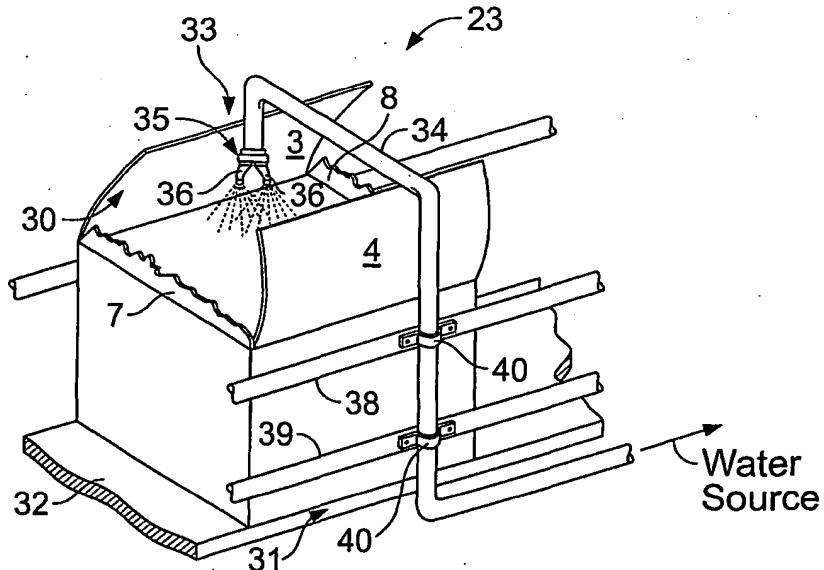
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PACKAGING MACHINE AND METHOD FOR PAPERBOARD CARTONS



WO 2005/021383 A1

(57) Abstract: A packaging system and device for paperboard cartons having closure flaps which extend across and seal the carton opening when filled with articles. The flaps, which are prone to distortion, are treated with a minor amount of water which reverses the distortion and allows the articles to be successfully inserted through the opening and into the carton.